

its quality fell below the standard set forth in the compendium since it contained more than 5 percent of its stems.

Grindelia. Adulteration, Section 501 (b), the product purported to be and was represented as "Grindelia," a drug, the name of which is recognized in the National Formulary, an official compendium, and its quality fell below the standard set forth in the compendium since it contained more than 10 percent of its stems over 2 mm. in diameter.

DISPOSITION: June 21, 1951. The Meer Corp., New York, N. Y., claimant, having consented to the entry of a decree, judgment of condemnation was entered and the court ordered that the products be released under bond to be brought into compliance with the law by segregation and destruction of the portion of the *yerba santa* which could not be successfully salvaged; the treatment of the remainder of the *yerba santa* by fumigating, cutting, or sifting, so as to eliminate and destroy the objectionable substances; and the relabeling of the *grindelia* in order that each bale show its variation from the National Formulary. 609 pounds of the *yerba santa* were salvaged and 88 pounds were destroyed.

3674. Adulteration of Gauztex. U. S. v. 9 Dozen Packages * * *. (F. D. C. No. 31484. Sample No. 27949-L.)

LIBEL FILED: August 22, 1951, Northern District of California.

ALLEGED SHIPMENT: On or about September 18, 1946, from Chicago, Ill.

PRODUCT: 9 dozen packages of *Gauztex* at Modesto, Calif.

NATURE OF CHARGE: Adulteration, Section 501 (b), the article purported to be "Adhesive Absorbent Gauze [or "Adhesive Absorbent Compress"]," a drug, the name of which is recognized in the United States Pharmacopeia, and its quality and purity fell below the standard set forth in the United States Pharmacopeia since it was not sterile as required by the Pharmacopeia but was contaminated with viable micro-organisms. The article was adulterated while held for sale after shipment in interstate commerce.

DISPOSITION: January 31, 1952. Default decree of condemnation and destruction.

DRUGS ACTIONABLE BECAUSE OF FALSE AND MISLEADING CLAIMS*

3675. Misbranding of various drugs. U. S. v. 4 Packages, etc. (F. D. C. No. 31143. Sample Nos. 18052-L to 18058-L, incl., 18062-L to 18070-L, incl., 18072-L, 18073-L, 18075-L to 18080-L, incl., 18082-L to 18087-L, incl., 18090-L, 18091-L, 18094-L to 18099-L, incl., 18101-L to 18113-L, incl., 18115-L to 18118-L, incl., 18121-L, 18123-L to 18128-L, incl., 18130-L.)

LIBEL FILED: May 22, 1951, District of Arizona.

ALLEGED SHIPMENT: Between March 15 and November 8, 1950, by Seroyal Brands, Inc., from Orinda, Calif.

PRODUCTS: Various drugs labeled, in part, as described below, at Tucson, Ariz., together with a folder entitled "Seroyal Brands," a number of leaflets, each containing 2 inserts, entitled "Why Orinda Lucerne?" a number of leaflets entitled "Seroyal Brands * * * Orinda Lucerne," and a number of leaflets entitled "Seroyal-Bulletin."

*See also Nos. 3662, 3663, 3668-3672.

LABEL, IN PART: "Ipomoea Tea 2 Ounces," "No. 30 45 Capsules * * * 30 Mg. Vitamin 'E'," "No. 57 45 Tablets * * * Duodenum Substance," "45 Tablets * * * Vitamin 'A' Tablets * * * Two Tablets contain 10,000 U. S. P. Units of Vitamin A," "45 Tablets * * * Vitamin B Complex Tablets * * * Ingredients: Yeast Concentrate, Malt Diastase, Calcium Carbonate," "No. 12 Orinda-Lucerne An extractive of lucerne 8 Ounce Liquid," "No. 41 Contents $\frac{1}{2}$ Fluid Ounce A glycerine solution of extractives from Dulce and Alfalfa," "No. 5 45 Tablets * * * Vegetable Tablets * * * Ingredients: Dried, powdered, uncooked Cabbage, Potato Peel, Onion, Psyllium and Arrow Root," "No. 6 45 Tablets * * * Vegetable Tablets * * * Ingredients: Green Peas, Beet Root, Parsnip, Carrot Leaf, Cranberry," "No. 7 45 Tablets * * * Vegetable Tablets * * * Ingredients: Carrot, Endive, Tomato, Onion, Okra, Celery Stalk, Horseradish," "No. 8 2 Oz. Liquid * * * Soyapro * * * A Protein Hydrolysate prepared from Soya Flour Casein and Lactalbumin," "No. 9 One Fluid Ounce * * * Chloro-Green * * * Purified water-soluble derivatives of chlorophyll 'a' extracted from clover alfalfa and other grasses * * * with 15% propylene glycol," "No. 10 45 Tablets * * * Each Tablet Contains: Vitamin C 90 mgs., Chlorophyll 5 mgs., Spiraea Ulmaria 10 grs.," "No. 11 45 Wafers * * * Orinda-Lucerne Ingredients: Powdered Alfalfa Juice. Dextrose and excipients," "No. 13 45 Tablets * * * Turnip Leaves Juice Concentrate Tablets Each tablet contains: Sulphur from organic material (turnip) 100 Mgs.," "No. 14 2-Oz. * * * Spiraea Ulmaria Tea," "Juglins Nigra Tea One Ounce," "Equisetum Hiemale Tea 2 Ozs. net weight," "No. 21 25 Tablets * * * Each tablet contains: Vitamin C (Ascorbic Acid) 100 Mgs. Vitamin E (Mixed Tocopherols) 5 Mgs., Rutin 20 Mgs., Dextrin Maltose as excipients," "No. 22 45 Tablets * * * Vegetable Tablets * * * Ingredients: Beet Leaves, Kelp, Horseradish, Chicory, Pumpkin Seed," "No. 23 45 Tablets * * * Vegetable Tablets * * * Ingredients: Okra, Rhubarb Stalk, Red Cabbage, Hubbard Squash, Dulce, Beet Leaves, Cayenne," "No. 24 45 Tablets * * * Vegetable Tablets * * * Ingredients: Mint, Cranberry, Rhubarb Stalk, Dulce, Cloves, Dextrose," "No. 25 45 Tablets * * * Live Yeast Compound 8 grs. Papain 2 Grs. Ingredients: Acidophilus, Yeast, Barley, Hops, Malt Syrup, Dextrose and Levulose, Rye, Corn, Tapioca and Rice Flours, Papain," "#26 45 Tablets * * * Vegetable Tablets * * * Ingredients: Raphanus Nigra gr. $6\frac{1}{2}$, Parsley q. s., Sugar coated, vegetable binder," "No. 28 45 Perles * * * Vitamin A-D Two capsules contain: Vitamin A 10,000 U. S. P. Units, Vitamin D 1,000 U. S. P. Units, Vitamins contained in refined fish liver oils," "No. 29 45 Perles * * * 5 Mg. Vitamin 'E' (Alpha Tocopherol) Wheat Germ Oil fortified with natural mixed tocopherols distilled from vegetable oils," "No. 31 45 Tablets * * * Vitamin 'C' Dietary Supplement * * * Ingredients: Dried Powdered uncooked Lemon Juice, Whole Orange, Gum Binder, Special Sugar Coating, colored with certified food coloring. Vitamin C as from Ascorbic Acid," "No. 32 45 Tablets * * * Six Tablets Contain: Vitamin A 5,000 U. S. P. Units, Vitamin C 30 Mgs., Vitamin B₁ 1 Mg., Vitamin D 400 U. S. P. Units, Vitamin B₂ 2 Mgs., Chlorophyll 10 Mgs., Together with Live Yeast, Dried, Powdered, uncooked Turnip Leaves, Lettuce, Spinach, Beet Leaves, Watercress and Alfalfa," "No. 33 45 Tablets * * * 100% Papain," "No. 34 45 Tablets * * * Chlorophyll-Papain Tablets * * * Ingredients: Chlorophyll, Papain, with dried, powdered, uncooked Lettuce, Parsley, Watercress, Kelp, Orange and Iron Sulfate. Copper (a trace), Di-

Calcium Phosphate," "No. 36-F 45 Tablets * * * Derived from essential unsaturated, fatty acids; arachidonic, linolenic, lineolic from flax and beef lipoids. Each tablet contains .5 mgs. of organically combined iodine," "No. 37 45 Tablets * * * Each Tablet contains: Calcium Carbonate (Derived from Egg Shells) 200 Mgs., Vitamin D (Irradiated Yeast) 200 U. S. P., Papain 1 Gr., Citric Acid 1 Gr., and Excipients," "No. 42 * * * Active Ingredients: Ortho-Phosphoric Acid, Calcium Phytate from Cereal Sources, Carrier Material, Corn Starch and Gum Arabic * * * Contents 1½ Ounces," "No. 43 45 Tablets * * * Yeast-Calcium Each tablet contains: Live Yeast 7 Grs., Egg Calcium, 3 grs., Glucose, 2 grs., and excipients," "No. 44 45 Tablets * * * 12 tablets contain: Vitamin B₁ (Thiamin) 1 mg., Vitamin B₂ (Riboflavin) 3 mgs. In a base of powdered Spineless Cactus (Opuntia Fraflis)," "No. 46 45 Tablets * * * Three tablets contain: Vitamin B₁ (Thiamin Hcl) 3 Mgs.," "No. 47 45 Tablets * * * Each tablet contains: Vitamin A (Fish liver oil) 500 U. S. P. Units, Vitamin B-1 (Thiamin Hcl) ½ Mg., Vitamin B-2 (Riboflavin) ½ Mg., Niacin Amide 1 Mg., Vitamin C (Ascorbic Acid) 10 Mg., Maltose and Dextrin as Excipients and Hydrolyzed Natural Plant Proteins," "No. 48 45 Tablets * * * Three tablets contain: Vitamin B₁ (Thiamin Hcl) 1 Mg., Vitamin C (Ascorbic Acid) 10 Mgs., Iron (Iron Tartrate) 15 Mgs., Together with Liver Conc., Stomach Sub., Hemoglobin Red Bone Marrow, Kelp & Brewers Yeast," "No. 50 45 Perles * * * Extract of Garlic In Vegetable Oils Each perle contains: Odorless true extract of garlic in the same proportion as found in the whole garden fresh garlic pulp, suspended in cold pressed wheat germ, soybean, olive and dill oils," "No. 51 45 Perles * * * Vitamin A-E * * * Ingredients in each Capsule: Vitamin A (fish liver oil) 5,000 U. S. P. Units, Chlorophyll (Sodium Magnesium Chlorophyllin) .5 Mg., Odorless Garlic .5 Mg., Wheat Germ Oil 171 Mgs. Plus natural flavors," "No. 53 45 Tablets * * * Russian Radish, Parsley, Sugar Beet Extract, Choline, Hydrochloride, Methionine," "No. 54 45 Tablets * * * Desiccated Cactus (Optunis Faralis), Betain (from Sugar Beets), Chlorophyll (from Alfalfa)," "No. 56 45 Tablets * * * Primary Yeasts, Skimmed Milk and Soya Meal," "B-81 45 Tablets * * * Vegetable Tablets * * * Ingredients: Dried, powdered, uncooked Beet leaves, Parsley, Celery leaves, Watercress, Escarole, Rhubarb Stalk and Turnip leaves," "No. K-82 45 Tablets * * * Vegetable Tablets * * * Ingredients: Dried, powdered, uncooked Asparagus, Lettuce, Spinach, Beet leaves and Kale," "D-83 45 Tablets * * * Vegetable Tablets * * * Ingredients: Dried, powdered, uncooked Cauliflower, Celery leaves, Lettuce, Spinach, Tomato, Turnip leaves, Asparagus and Watercress," "No. A-84 45 Tablets * * * Vegetable Tablets * * * Ingredients: Dried, powdered, uncooked Spinach, Lettuce, Turnip leaves, Watercress, Beet leaves and Endive," "S-85 45 Tablets * * * Vegetable Tablets * * * Ingredients: Dried, powdered, uncooked Red Cabbage, Carrot leaves, Onion, Garlic and Horseradish," "No. G-86 45 Tablets * * * Vegetable Tablets * * * Ingredients: Dried, powdered, uncooked Beet leaves, Endive, Celery leaves, Watercress and Spinach," "R-87 45 Tablets * * * Vegetable Tablets * * * Ingredients: Dried, powdered, uncooked Escarole, Lettuce, Spinach, Celery leaves, Turnip leaves, Watercress, Carrot leaves and Horseradish," "No. N-88 45 Tablets * * * Vegetable tablets * * * Ingredients: Dried, powdered, uncooked Lettuce, Pumpkin, Endive, Carrot leaves and Dulse," "V-90 45 Tablets * * * Vegetable Tablets * * * Ingredients: Dried, powdered, uncooked Rice

polish, Rice bran, Green Celery, Cauliflower and mint," "No. 91 45 Tablets * * * ingredients: Clivers, Buchu, juniper berries, couch grass, uva, ursi, gravel root, stone root, cubebs, agrimony, dandelion, golden rod and asparagus," "U-92 45 Tablets * * * Vegetable Tablets * * * Ingredients: Dried, powdered, uncooked Okra, Japanese persimmon, Orange and Celery Stalk," "No. H-93 45 Tablets * * * Vegetable Tablets * * * Ingredients: Dried, powdered, uncooked Parsley, Lettuce, Kale, Garlic and Dulce," "No. W-96 45 Tablets * * * Ingredients: The active laxative is dried, powdered Rhubarb root in a very small quantity. In addition each tablet contains dried, powdered, uncooked Irish moss, Celery leaves, Spinach, Dulce, Rhubarb Stalk, Parsley and Okra. Cinnamon used as a flavor," "No. 98 6 Tablets * * * Chlorophyll Contents to make 3 Oz. of 3 mgs. water-soluble Chlorophyll per cc," "No. F-99 45 Tablets * * * Vegetable & Vitamin Tablets Ingredients: Dried, powdered, uncooked Watercress, Turnip leaves, Mustard greens, and Beet leaves with Vitamins A B C D G added," "Y-100 45 Tablets * * * Vitamin, Vegetable and Live Yeast Tablets Ingredients: Dried, powdered, uncooked Turnip leaves, Lettuce, Spinach, Beet leaves, Watercress and Alfalfa, with a larger portion of Live Yeast. Vitamins A, B, C, D and Riboflavin (G-B) added," "No. 101 45 Tablets * * * Live Yeast Tablets Ingredients: Acidophilus, Yeast, Barley, Hops, Malt Syrup, Dextrose and Levulose, Rye, Corn, Tapioca and Rice flours," "45 Tablets * * * Vitamin 'C' Tablets * * * Ingredients: Dried, powdered, uncooked lemon. Special sugar syrup. Vegetable gum binder. Vitamin C as from ascorbic acid," "45 Tablets * * * Vitamin 'D' Tablets With Calcium and Phosphorus * * * Ingredients: Dicalcium Phosphate, Vitamin D as from yeast concentrate activated by irradiation. Special Sugar Binder," and "45 Tablets * * * Vitamin 'G' Tablets With Vitamins B₁ and Niacin * * * Ingredients: Yeast concentrate. Grain derivative. Malt diastase. Special sugar syrup, Vegetable gum binder. Vitamin G-B₂ from natural grain sources. Vitamin B₁ from yeast. Nicotinic acid."

NATURE OF CHARGE: Misbranding, Section 502 (a), the following statements in the accompanying folder entitled "Seroyal Brands" were false and misleading since the articles were not adequate and effective treatments for the conditions stated and implied, namely (*Ipomoea Tea*) "Internal growths. Fibroid Tumor"; (No. 30) "Heart, Muscles and pain in soft tissue"; (No. 57) "Stomach ulcers intestinal irritations. Colitis * * * Gastric Ulcer"; (*vitamin "A" tablets*) "Staphylococci * * * Pneumococcus * * * B. Tuberculosis * * * Diphtheria * * * Cancer * * * Diphtheroids * * * Influenza"; (*vitamin "B" complex tablets*) "Cancer"; (No. 11) and (No. 12) "Sarcina * * * B. Coli * * * B. Typhoid * * * M. Meningitis * * * Trypanosome * * * Kidney Stone * * * Gall Stone * * * Polio vir. * * * Tularemia * * * Blood Sugar * * * Asthma * * * Rheumatic Fever * * * Sinusitis * * * Diphtheroids * * * Psoriasis * * * Erythrocytes * * * Leucocytes"; (No. 41) "Thyroid, nervousness * * * Streptococci * * * Diphtheria * * * B. Typhoid * * * Syphilis * * * Trypanosome * * * E. Histolytica * * * B. abortus (Undulant Fever) * * * Anthrax * * * Tularemia * * * Bronchitis * * * Asthma * * * Polyposis * * * Diphtheroids * * * Vincent's Angina * * * Relapsing Fever * * * Eczema squamosum (dry scaly) * * * Cirrhosis of Liver * * * Impetigo * * * Actinomycosis * * * Samonella pullorum (enteric disease of

chickens). * * * Mastitis"; (No. 5) "Over-acid conditions"; (No. 6) "Over-alkaline conditions"; (No. 7) "Over-weight conditions"; (No. 8) "Indicated in most all chronic conditions, particularly in older people"; (No. 9) "Catarrhalis * * * Sinusitis * * * Vincent's Angina * * * Influenza * * * Hay Fever (allergy)"; (No. 10) "Tetanus * * * Sarcina, Polio and other types of contracted muscles. M. meningitis"; (No. 13) "contraction of the bladder, causing frequent urination as well as crampy sensation in the pubic region of the body; the digestive function may become impaired and the patient may be 'puffy'; and in a woman the menses may be spasmodic with crampy pain during the menstrual function"; (No. 14) "Gives tone to the muscles. Use on Sarcina & Polio cases, or other evidence of contracting muscles"; (*Juglins Nigra Tea*) "Gonococci * * * Malaria"; (*Equisetum Hiemale Tea*) "Burning Bladder"; (No. 21) "High Blood Pressure; Fragile Capillaries"; (No. 22) "Vermifuge * * * Eradication of intestinal infestations, and many types of worms, Trichina * * * Worms * * * Filariasis * * * Samonella pullorum (enteric disease of chickens)"; (No. 23) "Metallic poisonings: Aluminum, Lead, etc."; (No. 24) "Copper poisoning"; (No. 25) "Digestive disturbances"; (No. 26) "Gall Bladder, Gall stones, Liver, Bursitis"; (No. 28) "Resistance to infections, such as colds Pneumococcus"; (No. 29) "Heart, Muscles, and pain in soft tissue"; (No. 31) "Resistance to colds, Alcoholuric jaundice * * * Familial jaundice"; (No. 32) "B. Abortus (Undulant Fever) * * * Anthrax * * * Tularemia * * * Nephritis * * * Relapsing Fever * * * Impetigo"; (No. 33) "Digestive B. Typhoid * * * E. Histolytic * * * Asthma"; (No. 34) "Blood infections, B. Abortus, Sarcina"; (No. 36-F) "Calcium metabolizer, prostate, hair, nails, skin, etc."; (No. 37) "B. Tuberculosis * * * Asthma * * * Psoriasis * * * Hay Fever (allergy)"; (No. 42) "Kidney Stone * * * Psoriasis * * * Hay Fever (allergy)"; (No. 42) "Kidney Stone * * * Psoriasis * * * Cirrhosis of Liver * * * Bursitis"; (No. 43) "Digestive disturbances, muscles, nerves, constipation. M. meningitis * * * Polio vir. * * * Asthma"; (No. 44) "Heart conditions Pancreas. M. meningitis * * * Polio vir. * * * Blood sugar"; (No. 46) "Female Gland"; (No. 47) "Protein starved conditions. B. Tuberculosis"; (No. 48) "Red cell count * * * Banti's Disease * * * Erythrocytes * * * Familial Jaundice"; (No. 50) "High Blood Pressure * * * intestinal parasites. Trichina"; (No. 51) "Infections B. Abortus (Undulant fever) * * * Relapsing fever"; (No. 53) "Gall Bladder Liver Better results on fatty Liver and Cirrhosis. Kidney-stone * * * Gall-stone * * * Banti's disease * * * Cirrhosis of Liver * * * Alcoholuric jaundice * * * Familial jaundice"; (No. 54) "Heart . . . Pancreas . . . Menopause. Blood sugar"; (No. 56) "Anemia . . . Low Red Cell Count . . . Protein starvation . . . Aminos . . . B. Tuberculosis * * * Erythrocytes * * * Alcoholuric jaundice"; (No. B-81) "Low & High white cell count . . . Sulfanilamide poisonings. Rheumatic fever * * * Nephritis * * * Infectious mononucleosis * * * Relapsing fever * * * Leucocytes * * * Actinomycosis * * * Streptococci * * * Staphylococci * * * M. catarrhalis * * * Sarcina * * * Gonococcus * * * Malaria * * * B. Abortus (Undulant Fever) * * * Anthrax * * * Tularemia"; (No. K-82) "Calcification. Bursitis"; (No. D-83) "Genito Urinary irregularities"; (No. A-84) "Acid Alkaline imbalance"; (No. S-85) "Respiratory disturbances . . . sinus. Bronchitis * * * Sinusitis * * * Polyposis * * * Asthma"; (No. G-86) "Digestive disturbances, Colitis

* * * Gastric Ulcer"; (No. R-87) "Low red cell count . . . Infectious mononucleosis * * * Erythrocytes"; (No. N-88) "Nerve food, Bursitis": (No. V-90) "Tired feeling . . . Exhaustion"; (No. 91) "Kidney Diuretic Rheumatic fever * * * Nephritis"; (No. U-92) "Intestinal irritation. Stomach Ulcers. Colitis * * * Gastric Ulcer"; (No. H-93) "Putrefaction in digestive tract"; (No. W-96) "Over-Weight"; (No. 98) "Poison oak * * * M. Catarrhalis * * * B. Abortus (Undulant fever) * * * Sinusitis * * * Nephritis * * * Polyposis * * * Vincent's Angina * * * Relapsing fever * * * Filariasis * * * Tetanus * * * Eczema madidans (weeping) * * * Influenza * * * Actinomycosis * * * Samonella pullorum (enteric disease of chickens)," (No. F-99) "Run down conditions"; (No. Y-100) "Low Vitality . . . Loss of Vigor. Asthma"; (No. 101) "Forms lactic acid, preventing growth of undesirable micro-organisms in intestinal tract. B. Tuberculosis * * * B. Coli * * * Eczema squamosum (dry scaly) * * * Eczema madidans (weeping) * * * Impe-tigo"; (*Vitamin C Tablets*) "Pneumococcus * * * B. Tuberculosis * * * Diphtheria * * * Cancer * * * Influenza * * * Leucocytes"; (*Vitamin D Tablets*) "Cancer * * * Psoriasis"; and (*Vitamin G Tablets*) "B. Tuberculosis * * * Cancer * * * Colitis * * * Gastric Ulcer."

Further misbranding, Section 502 (a), certain statements in the labeling of the No. 11 and the No. 12, namely, in the leaflets including the inserts entitled "Why Orinda Lucerne?" and in the leaflet entitled "Seroyal Brands * * * Orinda Lucerne," were false and misleading since the articles were not capable of producing the results claimed. The statements represented and suggested that the articles, because of their calcium content, would promote healing of wounds, prevent impaired digestion, acid stomach, belching, flatulence, loss of tone and resistance in heart, degenerative diseases of the heart, anemia, sensitive and weak nervous system, lack of pep and vitality, tired mind, poor memory, and irritability; that the articles, because of their phosphorus content, would prevent digestive and cardiac disorders, headaches, brain and nerve exhaustion with physical and mental break-down, disturbed protein metabolism, sugar in blood, prolonged and profuse menstruation, and sexual weakness and impotence in the male; that the articles, because of their sulfur content, would prevent contraction of the bladder, frequent urination, crampy sensation in pubic region, impaired digestive function, puffiness, spasmodic crampy pain during menstrual function; that the articles, because of their potassium content, would prevent periodic headaches, wandering pain, dry skin, chilliness with fever, and weak, flabby and atrophied muscles, would promote healing of leg ulcers, and would prevent constipation, flatus, mis-carriage with diarrhea and other forms of colitis, and disturbed circulation; that the articles, because of their magnesium content, would keep digestive organs clean and elastic and would stimulate their functional activity, would keep fluids and tissues of the body alkaline, cool and soothe brain and nervous system, assist in keeping calcium phosphate from forming deposits, neutralize acid reactions in brain and nervous system, stimulate and increase functional activity of nerves and brain, and prevent tense and hot nervous system, congestive headaches, weak eyes, poor sight, greasy face and scalp, impaired digestion, constipation, putrefaction in the large intestine, indican in the urine, catarrh, cold, and la grippe or flu; that the articles because of their chlorine content, would benefit metabolism and cell growth, promote peristaltic action, act on the muscular system through the motor nerves, neutralize poison

in stomach and intestine, and excite sex function, and prevent sluggish and indifferent brain function, vertigo, cold hands and feet, poor appetite, indigestion, constipation, sore mouth, foul breath, belching, flatulence, boils, pus formation in small wounds, skin eruptions, and loss of hair; that the articles, because of their sodium content, would exert a beneficial influence on every function of the body and prevent suffering from many and varying symptoms of the body and mind, neuritis, arthritis, headaches, intestinal disorders, heart weakness, enlarged liver spleen, lack of tone in various organs causing prolapsus or ptosis, and flabby and weak arms and legs; that the articles, because of their iron content, would prevent deficiency of oxygen in blood and lack of hemoglobin, and would prevent pale skin, loss of pep, tone, strength, vitality, and charm, colds and catarrhal conditions, infectious diseases, indigestion, nausea, sleeplessness, and night sweats; that the articles, because of their iodine content, would have a beneficial effect on brain function and the nervous system, would neutralize toxins arising from meat and albuminous products that may be decomposing in the intestines, and would increase oxidation of metabolic byproducts and fats, guard the body against destructive action of decomposition products, act as health officer, and keep the body clean; that the articles, because of their fluorine content, would prevent brittle, soft, and easily fractured bones, dry joints, slow healing of bone fractures, crumbling nails, and teeth which will corrode and decay; that the articles, because of their silicon content, would prevent multiple neuritis, brain starvation, timidity, loss of confidence, fear, dry scalp or scabby skin, dry lips with scabby eruptions, ringworm, eczema, scabs behind ears, abscesses at root of teeth, canker sores on lips and gums, weak bladder, and diarrhea or constipation; that the articles, because of their manganese content, would prevent tendency to apoplexy and paralysis, poor eyesight, erratic taste, loss of appetite, distention, flatulence, drowsiness in daytime, and restlessness or sleeplessness at night; that the articles would prevent mineral starvation and the many diseases resulting therefrom; and that they would help keep one well, restore tissue balance and eliminate urates, cleanse the kidneys and balance the Ph of body fluids, support all nutritional and recuperative therapies by a marked action as a catalyst, induce restful sleep and balance the nervous system, build tissue, create appetite, stop wasting diseases, and equalize vascular tension.

Further misbranding, Section 502 (a), certain statements in the labeling of the No. 41, namely, in the accompanying leaflet entitled "Seroyal-Bulletin," were false and misleading since the statements were contrary to fact. The statements represented and suggested that the article would have a beneficial effect on brain function and the nervous system, would neutralize toxins arising from meat and albuminous products that may be decomposing in the intestines, would increase oxidation of metabolic byproducts and fats, would guard the body against destructive action of decomposition products, would act as a health officer, and would keep the body clean.

Further misbranding, Section 502 (e) (1), the labels of the No. 12, *Juglins Nigra Tea*, and *Equisetum Hiemale Tea* failed to bear the common or usual name of the articles, namely, alfalfa, black walnut, and horsetail or shave grass, respectively.

DISPOSITION: October 2, 1951. Default decree of condemnation and destruction.

3676. Misbranding of Mile Deep mineral water. U. S. v. Jesse L. Rogers. Plea of nolo contendere. Sentence of 6 months' imprisonment suspended and defendant placed on probation for 6 months. (F. D. C. No. 30577. Sample No. 3052-K.)

INFORMATION FILED: June 18, 1951, District of Columbia, against Jesse L. Rogers, president of R. & S. Nutrients, Inc., Washington, D. C.

ALLEGED VIOLATION: On or about July 24, 1950, the defendant sold and delivered in the District of Columbia a quantity of *Mile Deep mineral water*, a drug; and between the approximate dates of July 24 and August 23, 1950, the defendant caused to accompany the drug a number of booklets entitled "Mineral Water from the Mile Deep Maple Well."

NATURE OF CHARGE: Misbranding, Section 502 (a), certain statements in the booklet entitled "Mineral Water from the Mile Deep Maple Well" were false and misleading. The statements represented and suggested that a spoonful daily of the article would provide the user with good health; that the article would be efficacious in the treatment of sores on the face and body; that the calcium chloride content of the article enabled it to produce red blood; that its magnesium content acted as a cleansing agent; that many major diseases are caused by deposits of inorganic minerals in the body (joints, blood vessels, etc.), and that the article would put such minerals to work for health; that it would be efficacious in preventing stiffening and excess depositing of minerals in the tissues, and thus would be efficacious to prevent or relieve arthritis, high blood pressure, or other ailments; that it would be efficacious to render water-soluble the deposited or crystallized minerals and metals in and on the tissues, making these more flexible; that it would be efficacious to cause the body to assimilate minerals deposited in or on the tissues; that it would be efficacious to dissolve tissue waste and thus benefit the sick; that it would be efficacious to prevent poor health as a result of metal or mineral poisoning due to trace elements ingested in larger quantities than the body can use; that it was a wonderful aid to arthritic patients by reason of its ability to break down excessive calcium deposits in the joints; that it would be efficacious to move poisons in the body; that it would remove the cause of high blood pressure, gallstones, and scores of other ailments; that it would be effective to restore health and to provide the necessary elements for the structure and vitality of the organs; that it would be efficacious to maintain health and strength by supplying inorganic salts; that it would be effective in curing long standing chronic diseases brought on by overdosing and excessive use of such medicines as quinine, mercury, etc.; that it would be efficacious to remedy the chronic forms of nervous debility, rheumatism, asthma, anemia, diabetes, goiter, organic heart disease, neuralgia, paralysis, varicose veins, catarrh, and dropsy; that by reason of its content of sulfate of calcium, it would be efficacious to prevent cell disintegration and suppuration, and would be effective in the third state of all suppurative processes, including catarrhs, lung troubles, boils, carbuncles, ulcers, abscesses, pimples and pustules of the face, and all cases of true suppuration; that by reason of its content of chloride of potash, it would be efficacious in the treatment of glandular swelling, discharges or expectoration of a thick, white,